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- (84)指定国(広域): ARIPO特許 (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), ユーラシア特許 (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), ヨーロッパ特許 (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI特許 (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

添付公開書類:  
— 國際調査報告書

2文字コード及び他の略語については、定期発行される各PCTガゼットの巻頭に掲載されている「コードと略語のガイドンスノート」を参照。

(54)Title: POROUS MEMBRANE

A1 (54)発明の名称: 多孔質膜

WO 2004/006991 A1 (57)Abstract: A polyamide having an equilibrium water absorption of 10% or lower is used as the main raw material. An example of the polyamide having an equilibrium water absorption of 10% or lower is a polyamide obtained from a dicarboxylic acid ingredient comprising 60 to 100 mol% terephthalic acid and a diamine ingredient comprising 60 to 100 mol% 1,9-nonenediamine and/or 2-methyl-1,8-octanediamine. Due to the use of the polyamide, a porous membrane is obtained which undergoes an extremely small dimensional change even through hot-water treatment and is useful especially as, e.g., a medical separation membrane capable of AC sterilization.

(57)要約: 平衡吸水率が10%以下のポリアミドを主たる素材として使用する。平衡吸水率が10%以下のポリアミドとしては、例えば、60~100モル%がテレフタル酸であるジカルボン酸成分と、60~100モル%が1,9-ノナンジアミンおよび/または2-メチル-1,8-オクタジアミンであるジアミン成分とからなるポリアミドを使用する。これによって、熱水処理においても寸法変化が極めて小さく、特にAC滅菌処理可能な医療用分離膜等として有用である多孔質膜が得られる。

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/08758

A. CLASSIFICATION OF SUBJECT MATTER  
Int.Cl<sup>7</sup> A61M1/16

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
Int.Cl<sup>7</sup> A61M1/02-1/36, A61J1/00, B01D61/00-69/08, C08J5/00Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
Jitsuyo Shinan Koho 1926-1996 Toroku Jitsuyo Shinan Koho 1994-2003  
Kokai Jitsuyo Shinan Koho 1971-2003 Jitsuyo Shinan Toroku Koho 1996-2003

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document; with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 2001-328681 A (Mitsubishi Chemical Corp.), 27 November, 2001 (27.11.01), Full text (Family: none)	1-3, 5-10 4, 11-14
X	JP 2000-186141 A (Kuraray Co., Ltd.), 04 July, 2000 (04.07.00), Full text (Family: none)	1-3, 5-10 4, 11-14
X	JP 2000-178368 A (Kuraray Co., Ltd.), 27 June, 2000 (27.06.00), Full text (Family: none)	1-3, 5-10 4, 11-14

 Further documents are listed in the continuation of Box C.  See patent family annex.

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- "A" document defining the general state of the art which is not considered to be of particular relevance
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- "&" document member of the same patent family

Date of the actual completion of the international search  
14 October, 2003 (14.10.03)Date of mailing of the international search report  
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Japanese Patent Office

Authorized officer

Facsimile No.

Telephone No.

**INTERNATIONAL SEARCH REPORT**

International application No.

PCT/JP03/08758

**C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 2000-153134 A (Toyobo Co., Ltd.), 06 June, 2000 (06.06.00), Full text (Family: none)	4, 11-14
Y	JP 10-263375 A (Teijin Ltd.), 06 October, 1998 (06.10.98), Full text (Family: none)	11-14